

20
WO 99/58095

PCT/IB99/00862

CLAIMS

1. Pharmaceutical, hygienic and/or cosmetic compositions characterised in that they contain sea water and a basic amino acid or one of its salts or esters, or a plant and/or animal, or phytoplankton extract containing it, in combination or admixed with an inert non-toxic carrier or excipient, appropriate for the foreseen application.
2. Pharmaceutical, hygienic and/or cosmetic composition according to claim 1, characterised in that the basic amino acid carries a guanidine, amino, substituted amino, quaternary ammonium, methyl, carboxamido group, cyano group, phosphonic or hydrazido group.
3. Pharmaceutical, hygienic and/or cosmetic composition according to claim 1 or claim 2, characterised in that the plant and/or animal extract containing basic amino acid is an algae extract, a marine, thermal and/or lake mud extract, bacterial extract, or plankton extract.
4. Pharmaceutical, hygienic and/or cosmetic composition according to any of claims 1 to 3, characterised in that the basic amino acid is in the form of one of its salts or esters such as mono- or dihydrochloride, mono- or dihydrobromide, sulphate, glutamate, pidolate, methyl ester or ethyl ester.
5. Pharmaceutical, hygienic and/or cosmetic composition according to claim 1 characterised in that the basic amino acid is arginine.
6. Pharmaceutical, hygienic and/or cosmetic composition according to claim 5, in which arginine is in the form of pidolate.
7. Pharmaceutical, hygienic and/or cosmetic composition according to any of claims 1 to 4, characterised in that the sea water is taken from the sea, or ocean or from infiltrations or resurgences, that it is filtered and that it is sterilised by additional

21
WO 99/58095

PCT/IB99/00862

sterilising filtration.

8 1. Pharmaceutical, hygienic and/or cosmetic composition according to claim 7 characterised in that the filtered and sterilised sea water, is made isotonic by dilution or by de-ionisation.

9 1. Pharmaceutical, hygienic and/or cosmetic composition according to any of claims 1 to 8, characterised in that the quantity of sea water represents from 30 to 99% of the total weight of the composition. *Claim 1*

10 1. Pharmaceutical, hygienic and/or cosmetic composition according to claim 8, characterised in that the quantity of sea water represents from 60 to 95% of the total weight of the composition.

11 1. Pharmaceutical, hygienic and/or cosmetic composition according to any of claims 1 to 10, characterised in that the quantity of basic amino acid represents from 0.0001 to 10% of the total weight of the composition. *Claim 1*

12 1. Pharmaceutical, hygienic and/or cosmetic composition according to claim 10, characterised in that the amount of basic amino acid represents from 0.0005 to 2% of the total weight of the composition.

13 1. Pharmaceutical, hygienic and/or cosmetic composition according to any of claims 1 to 10, characterised in that it moreover contains an agent selected from anti-bacterial, anti-parasitic, anti-fungal, anti-phurigenic, anti-free radical, anaesthetic, anti-viral, anti-dandruff, anti-acne, anti-seborrheic agents, healing products in the form of hydrocolloids and vitamin agents.

14 1. Pharmaceutical, hygienic and/or cosmetic composition according to any of claims 1 to 13, characterised in that it contains in addition a pH-regulating agent. *Claim 1*

15 1. Pharmaceutical, hygienic and/or cosmetic composition according to any of claims 1 to

22
WO 99/58095

PCT/IB99/00862

~~13, characterised in that the pH is regulated in the region of 5.5 to 9.~~

Claim 1

~~16/ 18. Pharmaceutical, hygienic and/or cosmetic composition according to any of claims 1 to 12 to which an aminoglycane, a polysaccharide or a polysaccharide polymer is combined.~~

Claim 1

~~17/ 19. Pharmaceutical, hygienic and/or cosmetic compositions according to any of claims 1 to 16 characterised in that they are presented in any of the forms appropriate for oral, local, gingival, vaginal, auricular and/or ophthalmic administration.~~

~~18/ 20. Use of a composition according to any of claims 1 to 17, for the production of a medicine able to prevent and/or treat the ailments linked to a release of inflammation an/or allergy mediators like histamine or cytokines.~~

~~19/ 21. Use of a composition according to claim 18, to produce a medicine able to prevent and/or treat allergic and/or inflammatory symptoms, notably in the skin, eyes, bronchial tract and the nose.~~

~~20/ 22. Use of sea water for the production of a pharmaceutical hygienic and/or cosmetic composition intended notably to inhibit the activation of mastocytes notably induced by substance P, by VIP by CGRP or bradykinin, and/or inhibit the degranulation of the basophils.~~

~~21/ 23. Use of a basic amino acid or one of its salts or esters, and mainly arginine or a plant and/or animal extract containing it, for the production of a pharmaceutical, hygienic and/or cosmetic composition mainly intended to inhibit the activation of mastocytes.~~

add A2
add B1
add C1